

AMENDMENTS THE CLAIMS

The following listing of the claims is provided in accordance with 37 C.F.R. §1.121.

1-10. (Cancelled).

11. (Currently amended) A method for separating digitized images on a digitized sheet of film, comprising:

accessing a digitized sheet of film having a number of ~~digitized~~ images, the sheet of film resulting from scanning of an analog sheet of film of the images, wherein the images are discretely reproduced from image data acquired from one another with a medical imaging modality;

configuring a digital template based on the number of ~~digitized~~ images; and

slicing and collating the ~~digitized~~ images on the digitized sheet by applying the digital template to the digitized sheet to provide collated digitized images corresponding to the number of images on the analog sheet of film.

12. (Original) The method of claim 11, wherein the digital template is configured and applied with a computer algorithm.

13. (Original) The method of claim 11, further comprising at least one of storing the collated digitized images, ordering the collated digitized images, displaying the collated digitized images in stack mode or cine mode, displaying the collated digitized images on a PACS workstation monitor, displaying the collated digitized images in combination with a DICOM header defining a series and order of the collated digitized images, registering the collated digitized images, comparing the collated digitized images with digital images, [[and]] or registering the collated digitized images with digital images.

14. (Original) The method of claim 11, wherein original image data of the digitized images reproduced on the sheet of film is acquired with at least one of a magnetic resonance imaging (MRI) system, a computed tomography (CT) imaging, ~~[[and]]~~ or an X-ray imaging system.

15. (Original) The method of claim 14, wherein the digitized sheet is stored after the sheet of film is scanned to generate the digitized sheet.

16-34. (Cancelled).

35. (Currently amended) A system for separating digitized images within an image file of a digitized sheet of film, comprising:

means for accessing a digitized sheet of film having a number of digitized images, the sheet of film resulting from scanning of an analog sheet of film reproduced from images separately ~~[[data]]~~ acquired with a medical imaging modality;

means for slicing and collating the digitized images with a digital template;

means for storing the collated digitized images; and

wherein the images are originally reproduced on the analog sheet of film from image data acquired with at least one of a magnetic resonance imaging (MRI) system, a computed tomography (CT) imaging, ~~and or~~ an X-ray imaging system.

36. (Original) The system of claim 35, further comprising means for displaying the collated digitized images on a PACS workstation monitor in stack mode or cine mode

37. (Original) The system of claim 35, further comprising means for ordering and registering the collated digitized images.

38-52. (Cancelled).

53. (Currently amended) A computer program, provided on a computer-readable medium ~~one or more tangible media~~, for separating digitized images within an image file of a digitized sheet of film, comprising:

a routine for accessing a digitized sheet of film having a number of digitized images, the sheet of film resulting from scanning of an analog sheet of film reproduced from image data acquired with a medical imaging modality, wherein the images are discretely acquired;

a routine for slicing and collating the digitized images with a digital template;

a routine for storing the collated digitized images; and

wherein the images are originally reproduced on the analog sheet of film from image data acquired with at least one of a magnetic resonance imaging (MRI) system, a computed tomography (CT) imaging, and an X-ray imaging system.

54. (Currently amended) The computer program on a computer-readable medium of claim 53, further comprising a routine for displaying the collated digitized images on a PACS workstation monitor in stack mode or cine mode

55. (Currently amended) The computer program on a computer-readable medium of claim 53, further comprising a routine for ordering and registering the collated digitized images.

56-63. (Cancelled).